

**INFORMATION DISCLOSURE STATEMENT**

Applicant	:	Halpin et al.
App. No.	:	Unknown
Filed	:	Herewith
For	:	WAFER SUPPORT SYSTEM
Examiner	:	Unknown
Group Art Unit	:	Unknown

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing 95 references. Copies of the references are not being provided pursuant to 37 C.F.R. § 1.98(d)(1). Applicants claim priority under 35 U.S.C. §120 to the prior U.S. Application No. 10/243,579 (filed September 13, 2002). In accordance with 37 C.F.R. § 1.98(d)(1), the earlier application is properly identified herein and is relied upon for an earlier effective filing date under 35 U.S.C. §120 and, as a result, no copies of the references listed in the enclosed PTO-1449 are required.

This Information Disclosure Statement is being filed with an RCE or within three months of the filing date of this application and no fee is required in accordance with 37 C.F.R. § 1.97(b)(1), (b)(2), or (b)(4).

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: Aug. 18, 2003

By: 

Tina Chen  
Registration No. 44,606  
Attorney of Record  
Customer No. 20,995  
(415) 954-4114

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. ASMEX.72CP2D3CD	APPLICATION NO. Unknown
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Halpin et al.	
		FILING DATE Herewith	GROUP Unknown

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1.	3,627,590	12/14/71	Mammel			
	2.	4,261,762	4/14/81	King			
	3.	4,313,783	2/2/82	Davies et al.			
	4.	4,403,567	9/13/83	DaCosta et al.			
	5.	4,457,359	7/3/84	Holden			
	6.	4,458,746	7/10/84	Holden et al.			
	7.	4,508,161	04/02/85	Holden			
	8.	4,512,391	04/23/85	Harra			
	9.	4,522,697	06/11/85	Dimock et al.			
	10.	4,523,985	06/18/85	Dimock			
	11.	4,527,620	07/09/85	Pedersen et al.			
	12.	4,535,834	08/20/85	Turner			
	13.	4,535,835	08/20/85	Holden			
	14.	4,537,244	08/27/85	Holden			
	15.	4,542,298	09/17/85	Holden			
	16.	4,565,601	01/21/86	Kakehi et al.			
	17.	4,567,938	02/04/86	Turner			
	18.	4,603,466	08/05/86	Morley			
	19.	4,654,509	03/31/87	Robinson et al.			
	20.	4,709,655	12/01/87	Van Mastrigt			
	21.	4,724,621	02/16/88	Hobson et al.			
	22.	4,789,771	12/6/88	Robinson et al.			
	22.	4,790,262	12/13/88	Nakayama et al.			
	23.	4,860,687	08/29/89	Frijlink			
	24.	4,911,812	03/27/90	Kudo et al.			

EXAMINER	DATE CONSIDERED
<b>*EXAMINER:</b> INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	25.	4,923,584	05/08/90	Bramhall, Jr. et al.			
	26.	4,949,783	08/21/90	Lakios et al.			
	27.	4,958,061	09/18/90	Wakabayashi et al.			
	28.	5,027,746	07/02/91	Frijlink			
	29.	5,033,407	07/23/91	Mizuno et al.			
	30.	5,033,538	07/23/91	Wagner et al.			
	31.	5,090,900	02/25/92	Rudolf et al.			
	32.	5,096,536	03/17/92	Cathey, Jr.			
	33.	5,133,284	07/28/92	Thomas et al.			
	34.	5,148,714	9/22/92	McDiarmid			
	35.	5,155,062	10/13/92	Coleman			
	36.	5,156,820	10/20/92	Wong et al.			
	37.	5,160,544	11/03/92	Garg et al.			
	38.	5,180,000	01/19/93	Wagner et al.			
	39.	5,199,483	04/06/93	Bahng			
	40.	5,215,619	06/01/93	Cheng et al.			
	41.	5,221,403	06/22/93	Nozawa et al.			
	42.	5,230,741	07/27/93	van de Ven et al.			
	43.	5,238,499	08/24/93	van de Ven et al.			
	44.	5,248,370	09/28/93	Tsui et al.			
	45.	5,267,607	12/07/93	Wada			
	46.	5,287,914	02/22/94	Hughes			
	47.	5,290,381	03/01/94	Nozawa et al.			
	48.	5,292,393	03/08/94	Maydan et al.			
	49.	5,298,465	03/29/94	Levy			

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	50.	5,308,645	05/03/94	Zachman et al.			
	51.	5,318,634	06/07/94	deBoer et al.			
	52.	5,320,982	06/14/94	Tsubone et al.			
	53.	5,322,565	06/21/94	Zachman et al.			
	54.	5,332,442	07/26/94	Kubodera et al.			
	55.	5,343,012	08/30/94	Hardy et al.			
	56.	5,343,938	09/06/94	Schmidt			
	57.	5,350,479	09/27/94	Collins et al.			
	58.	5,352,294	10/04/94	White et al.			
	59.	5,354,382	10/11/94	Sung et al.			
	60.	5,356,476	10/18/94	Foster et al.			
	61.	5,370,739	12/06/94	Foster et al.			
	62.	5,382,311	01/17/95	Ishikawa et al.			
	63.	5,383,971	01/24/95	Selbrede			
	64.	5,387,289	02/07/95	Schmitz et al.			
	65.	5,393,349	02/28/95	Ohkase			
	66.	5,403,401	04/04/95	Haafkens et al.			
	67.	5,445,677	08/29/95	Kawata et al.			
	68.	5,446,824	08/29/95	Moslehi			
	69.	5,456,757	10/10/95	Aruga et al.			
	70.	5,458,687	10/17/95	Shichida et al.			
	71.	5,462,603	10/31/95	Murakami			
	72.	5,467,220	11/14/95	Xu			
	73.	5,484,011	1/16/96	Tepman et al.			
	74.	5,522,131	06/04/96	Steger			

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	75.	5,645,646	7/8/97	Beinglass et al.			
	76.	5,656,093	8/1997	Burkhart et al.			
	77.	5,685,906	11/11/97	Dietze et al.			
	78.	5,738,165	4/1998	Imai			
	79.	6,053,982	04/25/00	Halpin et al.			
	80.	6,113,702	09/05/00	Halpin et al.			
	81.	6,203,622	03/20/01	Halpin et al.			
	82.	6,343,183	1/2002	Halpin et al.			
	83.	6,454,865	09/2002	Goodman et al.			
	84.	6,454,866	09/24/02	Halpin et al.			
	85.	6,491,757	12/10/02	Halpin et al.			

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	86.	GB 2181458A		United Kingdom			X	
	87.	JP 62020308	1/28/87	JP				
	88.	JP 63084017	4/14/88	JP				
	89.	JP 63285925	11/22/88	JP				
	90.	EP 0 445 596	2/21/91	EPO				
	91.	0 448 346 A1	9/25/91	Europe				
	92.	0452779A2	10/23/91	Europe				
	93.	0 592 017 A2	4/13/94	Europe				
	94.	0 651 424 A2	5/3/95	Europe				
	95.	0657918A2	6/14/95	Europe				

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